



International Oil Developments



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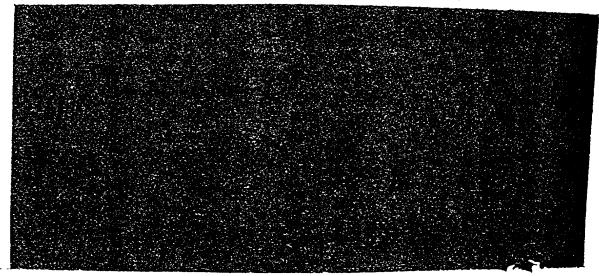
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INTERNATIONAL OIL DEVELOPMENTS

Current Overview

There may soon be some interesting developments on the price front.



Our analysis of the Free World oil situation continues to show productive capacity growing faster than demand.

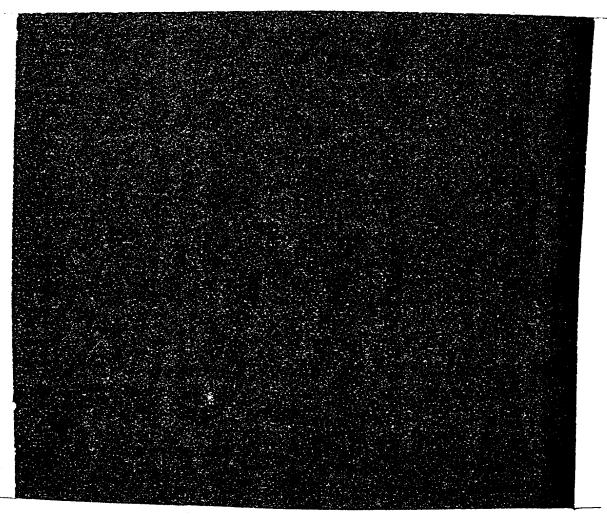


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All OPEC countries except Saudi Arabia appear to be firmly opposed to any reduction in prices. At the same time, there has been relatively little talk recently about the need to raise oil prices because of rapid worldwide inflation. The Saudis apparently still believe that oil prices are too high. If the political situation in the Middle East develops to their satisfaction, they probably will press for lower prices.



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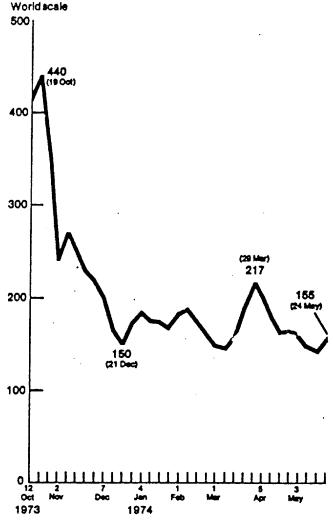
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RATES UP FOR BIG CRUDE CARRIERS OUT OF PERSIAN GULF Weekly Mullion Index of Voyage Charter Rates for Tankers

Voyage charter rates for very large crude carriers (VLCCs) on the vital route Persian Guif to UK/Continent have increased by 50% in less than two weeks-from \$5.00 to \$7.50 a ton. Since the lifting of the embargo, there has been a glut of uncommitted 100,000 to 300,000-DWT tankers in the Persian Guif. There are several reasons for the increase, including:

- VLCCs are still cheaper than smaller tankers, even at these higher rates.
- The demand for smaller tankers was in part a reflection of an active spot market for small lots of crude which has largely disappeared.

The Mullion Index, which reflects worldwide rates for tankers of all sizes, rose last week by 12% from a post-embargo low of Worldscale 139 to Worldscale 155. (UNCLAS-SIFIED)



This index reflects all rates available to the compilers (the London tenker brokerage Mullion and Compeny) for single voyage charters of tankers in all trades agreed to (fixed) during the week in question and all previously fixed single voyage charters still in effect on Friday of that week, it is expressed in terms of Worldscale, a table of oil shipment costs on various trade routes for a standard tanker with fixed parameters (size, speed, fuel consumption, manning requirements, etc.) used on the tanker market to express voyage charter rates. The Mullion index applies only to charters for the carriage of so-called "dirty" asrgoos which include crude oil and heavy petroleum products such as residual fuel oil.

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STATISTICAL SURVEY

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(All material in this Statistical Survey are UNCLASSIFIED)

World Crude Oil Production

Thousand b/d

				1974	
	September 1973				
	(Pre-Crisis Level)	1973	January	February	March
Western hemisphere	16,042	16,118	16,016	15,960	15,850
United States	9,149	9,189	9,061	9,050	9,000
Venezuela	3,387	3,364	3,274	3,230	3,180
Canada	1,745	1,798	1,845	1,850	1,850
Mexico	470	465	485	500	490
Ecuador	210	204	230	230	230
Other	1,081	1,098	1,121	1,100	1,100
Eastern hemisphere	41974	39,552	39,849	40,410	41,130
Western Europe	389	370	340	350	350
Middle East	22,977	21,158	20,754	21,230	21,830
Saudi Arabia	8,574	7,607	7,522	7,800	8,130
Iran	5,793	5,861	6,103	6,160	6,160
Kuwait	3,520	3,024	2,838	2,850	2,840
Iraq	2,167	1,964	1,794	1,800	1,840
Abu Dhabi (UAE)	1.381	1,298	1,210	1,250	1,500
Qatar	608	570	518	520	520
Oman	302	293	299	300	290
Dubai (UAE)	273	220	180	250	250
Other `	359	321	290	300	300
Africa	6,132	5,902	5.696	5,860	5,900
Libya	2,286	2,187	2,032	1,940	1,880
Nigeria	2,100	2.053	2,185	2,260	2,290
Algeria	1,100	1.070	960	960	1,000
Other	646	592	519	700	730
Asia-Pacific	2.288	2,257	2,459	2,370	2,450
Indonesia	1,338	1,324	1,450	1,420	•
Other	950	933	1,009	950	1,450
Communist countries	10,188	9,865	10,600	10,600	1,000
USSR	8,663	8,420	8,900	8,900	10,600
China	1,140	1,060	1,310	1,310	8,900
Romania	275	275	280	280	1,310
Other	110	110	110		280
Yorld total	58,016	55,670	55,865	110 56,370	110
Of which:	Poleta	33,070	22,003	0/ درود	56,980
OPEC members ¹	32,737	30,746	30,296	30,670	21 220
OAPEC members ²	20,311	30,746 18,272	•	-	31,270
OW TO INCIDOUS.	40,311	10,4/4	17,254	17,590	18,210

^{1.} The members of the Organization of Petroleum Exporting Countries are Algeria, Ecuador, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

^{2.} The members of the Organization of Arab Petroleum Exporting Countries are Algeria, Bahrain, Egypt, Iraq, Kuwait, Libya, Qetar, Saudi Arabia, Syria, and United Arab Emirates.

Recent Trends in Arab Oil Production!

		1	973	 		19	74	
	September	October	November	December	January	Petersery	March	April
				Production (T	housend b/d	L		
Total	20,613	18,661	15,684	16,005	17,553	17,890	18,500	19,48
Saudi Arabia ²	8,574	7,798	6,269	6,616	7,522	7,800	8,130	8.900
Kuwait ²	3,520	3,058	2,582	2,556	2,838	2,850	2,840	2.850
Libya	2,286	2,384	1,766	1,769	2,032	1,940	1,880	1.750
lraq	2,167	1,7973	2,026	2,136	1,794	1,800	1,840	1.900
Abu Dhahi (UAE)	1,381	1,340	1,153	1,016	1,210	1.250	1,500	1.60
Algeria	1,100	1,020	880	860	960	960	1,000	1,00
Qutar	608	598	467	460	518	520	520	530
Omen	302	304	302	302	299	300	290	300
Dubai (UAE)	273	2144	1404	1414	1804	2504	2504	300
Others	402	1486	994	1496	2006	2204	2506	350
			Perce	nt Decrease F	rom Septemb	er 1973		
For all countries		,	24	22	15	13	10	

Arab Oil: Productive Capacity April 1974

	When Tales	
		Thousand b/
	E stimated Productive Capacity	Underutilization of Produc- tive Capacity
Total	23,600	4,120
Saudi Arabia ¹	9,600	700
Kuwait ¹	3,800	950
Libya	3,000	1,250
Iraq	2,500	600
Abu Dhabi (UAE)	1,900	300 .
Algeria	1,100	100
Qatar	700	170
Oman	300	••••
Dubai (UAE)	300	****
Other ²	400	50

^{1.} Including approximately one-half of Neutral Zone production capacity.

^{2.} Including data for Bahrain, Egypt, and Syria.

European Cargo Prices¹ 1974

US S per Barrel

			F.O.E	. Rotterdam			F.0	B. Italy	· · · · · · · · · · · · · · · · · · ·
		Heavy	Fuel Oil			Heavy	Fuel Oil		
		1% Sulfur	3.5% Sulfur	Gas Oil 0.5% Sulfur	Gasoline (Premium)	1% Sulfur	3.5% Sulfur	Gas Oil 0.5% Sulfur	Gasoline (Premium)
Jan	4 11 18	20.27 17.64 17.64	19.52 15.01 14.64	22.20 17.49 16.88	22.34 16.76 16.76	19.52 16.52 16.14	18.77 • 14.26	21.52 16.55	20.87 16.76
Feb	25 1	16.14 15.40	14.64 13.88	17.22 14.36	17.45 17.51	16.14 15.40	14.26 14.64 13.88	16.55 14.91 13.90	16.17 17.35 16.76
	8 15 22	12.61 12.58 12.38	11.34 11.64 11.64	13.57 13.38 13.57	18.23 20.40 20.14	12.61 12.58 12.38	11.34 12.02 11.64	12.10 12.05 12.05	17.64 19.57 19.57
Mar	1 8 15	12.01 11.41 10.58	11.34 11.18 9.76	13.10 13.84 13.31	20.10 21.27 22.45	12.38 12.61 10.88	11.94 12.16 11.26	12.05 12.05	19.80 21.27
	22 29	10.58 9.91	9.83 9.16	13.10 12.73	23.08 22.45	10.70 9.91	9.95 9.38	12.31 12.03 11.38	22.45 22.49 22.05
	5 12 19	9.91 10.48 10.14	9.16 9.61 9.34	11.07 9.79 11.73	22.57 21.15 20.47	10.06 10.21 9.91	9.16 9.12 9.31	10.92 9.47 10.00	22.22 20.87 19.70
May	26 3 10	9.68 9.98 10.28	9.38 9.84 10.06	12.10 11.59 12.91	20.22 21.27	9.46 9.68	9.30 9.16	10.09 10.45	19.26 19.15
	17 24	10.13 10.44	9.98 10.28	12.64 12.05	21.15 20.97 20.09	9.91 9.98 10.13	9.61 9.68 9.53	11.98 11.66 11.32	19.56 19.39 18.91

^{1.} Midpoint of the range of the prices quoted in the Oil Buyers' Guide.

Estimated Oil Imports, by Source¹ 1973

Thomsand b/d and Percent of Imports

				V	Arab Countries	<u>.</u>									
			Saudi					4			Š	1			
	Total	Total	Arabia	Kuwait	Eşy.	Į.	Dead	10	Other	녈	rueda	į	3	Nigeria	Odber
United States	6.200	1.590	200	5				5		5		į			
¥	2	,		}						5		220	<u>=</u>	š	3
R .	0.00	77.0	5	5.6	_					8.8		40	17.7		7.3
Japan	×.400	2380	740	£						1,730		5	:	ۇ ۋ	1
*	100.0	47	23.0	10.0			_			300		3	i	3 :	96
Canada	000	220	8	ž									i		
*	0.001	22.0	8.0	2	_	_	_					į.	I	8	2
Western Europe	15,200	10,600	4000	202						0.61		Ž.	1	80	S.D
**	1000	4	7,	3 =			_			9. 1.7		į	i	<u>5</u>	000
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A STATE OF THE PARTY OF THE PAR	3 5	70.	000	3						94		Į	i	<u>8</u>	8
() ()	mon!	3	73.0	17.2		_				19.7		Ž	i	7.7	**
West Cermany	7720	019	2	8						270		Į]	Ě	5
ĸ.	0.00	71.6	21.3	4,0			_			12.0		3	ı		•
luy	2,40	0.6.1	630	8						330			į	9	
ĸ	10.0	79.1	25.8	8.2	_	_				7 2 1		i	ļ	2	3
France	2,780	2,070	620	320						2 5		I	ŧ	•	Ö
Ε¢	0001	74.5	22.3	11.5		_	_			9		i	1	P. 7	
Netherlands ²	2,090	9 7	89	380	8	2	Ş		٤ ج	? 9		I	i		7 ;
	0.001	2	33.0	18.2	_		_			7		i	i	27	\$
Belgium-Lux-				!						7.17		I	i	202	<u>•</u>
Emponul	720	550	8	8					۶	8	۶			:	;
ĸ	100.0	76.4	40	16.7		_	_	_	3 .	3 :	3	I	1	₹ '	<u>0</u> 7
Spala	000′ I	820	470	8					3 5	2 2	? ;	Į	i	7	77
×	100.0	82.0	47.0	9.0	_	_		_	3 5	3 :	? •	ļ	i	2 :	2
O:her	1,590	80	270	8					3 2	77.	7 5	i	I	<u>q</u>	9
ĸ	0.001	50.	17.0	63	S	10.7	3	25	3 5	2 2	3 -	l	i	3	8 8
									!	!	:	l	i	1	Ş

1. This table allocates imports on a direct and indirect bouts - La., reflined products from export refineries are traced to the source of the crude od.
2. Excheding of transmipped to other West European countries.

Oil Company Control of Oil Production in OPEC Countries, January 1974

The attached table lists 13 foreign oil companies or foreign operating groups that control about three-fourths of the crude oil production in the OPEC countries. This list includes all the companies that produce more than 150,000 b/d. The state oil companies in Iraq, Algeria, and Libya control more than 50% of the oil not controlled by these companies. The remainder is controlled by several producer-state companies and small foreign companies. The following tabulation is a summary of the table:

	Thousand b/d	
Company	Maximum ¹	Minimum ²
Total	25,515	19,456
International "Majors" subtotal	22,699	17,313
British Petroleum	4,785	3,630
= -	4,505	3,755
Exxon	3.287	2,434
Texaco	3.072	2,219
Standard Oil (California)	2.845	2,360
Royal Dutch/Shell	2,585	1,655
Gulf	1,620	1,260
Mobil	325	160
Occidental	305	170
Continental	245	225
Marathon	1,256	1.013
French	215	140
Italian	470	435
Japanese	7/0	.55
Total OPEC production	30	,296

^{1.} The maximum column shows the amount of oil physically produced by the selected international oil companies (those with production of 150,000 b/d or more). It does not take into account government ownership through participation, nationalization, or sales of royalty oil. It is certain the companies will not have this amount of oil to sell.

^{2.} The minimum column shows the amount of oil the ompanies control through equity ownership. This amount could be reduced further by producing government's exercising their option to take royalties in kind (in most cases, 12-1/2% of company equity oil) rather than in cash. This column is almost certain to be too low because we expect the governments to continue to sell a large share of state-owned oil back to the companies, (UNCLASSIFIED)

Estimated Oil Company Control of Oil Production in OPEC Countries, January 1974

·		Thousand b/d
Company/Country	Maximum	Minimum
Total	25,515	19,456
International "Majors"	22,699	17,313
Abu Dhabi (UAE)	685	515
Ecuador	220	220
Indonesia	1,080	430
Iran	4,815	4,815
Iraq	290	290
Kuwait	2,580	1,030
Libya	375	190
Nigeria	2,054	1,303
Qatar	440	175
Saudi Arabia	7,265	5,450
Venezuela	2,895	2,895
British Petroleum	4,785	3,630
Abu Dhabi (UAE)	350	260
Iran	2,160	2,160
Iraq	200	200
Kuwait	1,290	515
Nigeria	725	470
Qatar	60	25
Exxon	4,505	3,755
Abu Dhabi (UAE)	85	65
Indonesia	35	15
Iran	380	380
Libya	290	145
Qutar	30	10
Saudi Arabia	2,180	1,635
Venezuela	1,505	1,505
Texaco	3,287	2,434
Ecuador	110	110
Indonesia	505	200
Iran	380	380
Nigeria	7	4
Saudi Arabia	2,180	1,635
Venezuela	105	105
Standard Oil (California)	3,072	2,219
Indonesia	505	200
Iran	380	380
Nigeria	7	4
Saudi Arabia	2,180	1,635
Royal Dutch/Shell	2,845	2,360
Abu Dhabi (UAE)	165	125
īran	755	755
Iraq	90	90
Nigeria	725	470
Qatar	320	130
Venezuela	790	790

Estimated Oil Company Control of Oil Production in OPEC Countries, January 1974 (Continued)

		Thousand b/d
Company/Country	Maximum	Minimum
Gulf	2,585	1,655
Ecuador	110	110
Iran	380	380
Kuwalt	1,290	515
Nigeria	390	235
Venezuela	415	415
Mobil	1,620	1,260
Abu Dhabi (UAE)	85	65
Indonesia	35	15
fran	380	380
Libya	85	45
Nigeria	200	120
Oatar	30	10
Saudi Arabia	725	545
Venezuela .	80	80
International independents		
including foreign governments	2,816	2,143
Occidental	·	•
Libya	325	160
Continental	305	170
Dubai (UAE)	60	45
Libya	245	125
Marathon		
Libya	245	225
French (CFP, ERAP, Aquataine)	1,256	1,013
Abu Dhabi (UAE)	335	150
Algeria	215	215
Dubai (UAE)	50	50
Iran	325	325
Iraq	200	200
Libya	6	3
Nigeria	65	45
Qatar	60	25
Italian (ENI)	215	140
Iran	55	55
Libya	130	- 65
Nigeria	30	20
Japanese	470	435
Abu Dhabi (UAE)	150	115
Kuwait	160	160
Saudi Arabia	160	160
PEART VARAME		•

Total OPEC production

Ownership of World Oil Refining Capacity 1 1 January 1974

	Thousand b/d
Company	Capacity
Total	40,050
International "Majors"	
Exxon	18,795 5,240
Royal Dutch/Shell	4,790
British Petroleum	2,710
Texaco	1,945
Mobil	1,560
Standard Oil (California)	
Gulf	1,415
Independents '	1,135
Japanese (30 companies)	13,365
Italian (15 companies)	4,030
CFP (35% French government owned)	2,110 1,065
Spanish (6 companies)	670
Amerada-Hess (US)	590
Petrofina (Belgian)	425
New England Petroleum (US)	325
Getty (US)	250
Gelsenberg (West German)	215
Commonwealth (US)	185
Wintershall (West German)	175
Marathon (US)	150
Ultramar (US)	140
Aminoil (US)	130
Sun (US)	125
Union Rhein (West German)	125
Occidental (US)	105
Continental (US)	100
Niarchos (Greek)	100
Shaheen (US)	100
Other	2,250
Government	7,890
OPEC	<u>-</u>
Iran	1,845 675
Indonesia	430
Kuwait	430 265
Saudi Arabia	
Algeria	120 115
Iraq	170
Other	170 70
	/U

Ownership of World Oil Refining Capacity ¹ 1 January 1974 (Continued)

	Thousand b/d
Non-OPEC	6,045
Brazil	745
France	730
Mexico	625
Italy	535
Argentina	380
India	280
West Germany	275
Spain	240
Austria	220
Israel	210
Taiwan	200
Finland	195
Egypt	180
Turkey	130
Chile	125
Colombia	110
Peru	105
Greece	100
Other	660

^{1.} Excluding data for the United States (50 states) and Communist countries.

TECHNICAL TERMS

API GravityBarrel (bbl)	American Petroleum Institute scale for expressing the weight of petroleum liquida A unit of volumetric measure for liquid petroleum: I barrel (bbl) = 42 US gallons
	= 35 Imperial gallons (approx.)
Parent B 1144	-159 Liters (approx.)
Barrels per Day (b/d)	 The rate of flow from midnight of one day to midnight of the next day. The rate of flo in 1 365th part of a normal year. Used to describe both production and refining capacity.
Barrels per Stream Day (b/sd)	The flow rate during a 24-hour period of actual operation. Normally used to describe refinery throughput rate, reflecting appropriate allowances for periods when a refiner may be shut down for meintenance and/or remain.
Barrels per Calendar Day (b/ed)	 The same as barrels per day. Normally used to describe the effective or annual average refinery throughout rate.
Bunker Fuel	 Light or heavy fuel oil for ship's own use. Fuel used by international airlines is some times described as "bunkers" for accounting purposes.
Cracking	Refining process by which large molecules are decomposed into smaller, lower boiling molecules in the presence of either heat and pressure (thermal cracking) or a catalyst (catalytic cracking).
Flare	A device for disposal of excess game by burning (starts)
Gas oil	A generic term for a petroleum distillate with a boiling range between kerosine and lubricating oil; includes components from which domestic heating (furnace) oils and diesel fuel oils are made.
Liquified Natural Gas (LNG)	Gaseous forms of petroleum, principally the mixtures of lighter hydrocarbons (methane and ethane) maintained in the liquid state under pressure.
Liquefied Petroleum Gas (LPG).	Gaseous forms of petroleum, principally mixtures of heavier hydrocarbons (butane and propane) maintained in the liquid state under pressure. LPG may be produced in either the extractive or refining phase of the industry but ordinarily considered as a
Natural Gas	product or retining
Natural Gas Liquids (NGL)	The component of petroleum which is stabilised in gaseous form for pipeline transit. Hydrocarbon liquids recovered in the extractive phase by the processes of condensation or absorption. Natural gas liquids include natural gasoline, condensate, and some liquefied petroleum gases.
	A generic term for refined, partly refined, or unrefined gasoline-type petroleum prod- ucts. May be used as raw material for petrochemical industry or for manufacture of commercial solvents, e.g., cleaning, paint and varnish, lighter fluids, etc.
Petroleum	A naturally occurring mixture of the chemical elements of carbon and hydrogen, with or without other non-metalic elements. Includes crude oil, natural gas, and natural gas liquids.
Proved Reserves	Includes only the estimated crude oil, natural gas liquids, and natural gas recoverable
Topping Plant	Simple refinery for the distillation of crude oil to remove light fractions only. The residual material is topped, or reduced, cruda
Tankers:	and a ropped, or reduced, crude
a. Tonnage:	
	Carrying capacity of a ship expressed in long tons; corresponds to the difference between displacement loaded and displacement light.
ii. Displacement Loaded	Weight in long tons including cargo, pase-agers, fuel, water, stores, dunnage and such other items as are necessary for a voyage.
iii. Displacement Light iv. Gross Registered	Weight in long tons excluding elements described immediately above
	The volume of the enclosed space of a vessel expressed in units of 100 cubic feet. A unit by which the capacity and speed of a known tanker can be expressed in terms of a T 2 type tanker of 16,765 DWT and speed of 14.5 knots Example: A tanker of 190,000 DWT and a speed of 17 knots may be converted as follows: 190,000X17
	16,765X14.5
oL ,	An abbreviation for petrol, oil, and lubricanta A military colloquialism not generally used in the petroleum industry.
	An arbitrary price established for most crude oils moving in international trade. The posted price is generally used as the basis for calculating royalties and taxes due to the producing country.

PETROLEUM CONVERSION FACTORS

1. Approximate Conversion Factors for Crude Oil*

INTO	Metric Tons	Long Tom	Short Tons	Barreis	Riloliters (Cubic Meters)	1,000 Gallons (Imp.)	1,000 Gallons (US)	
FROM	MULTIPLY BY							
Metric Tons	1	0.984	1.102	7.33	1.16	0.256	0.308	
Long Tons	1.016	1	1,120	7.45	1.18	0.261	0.313	
Short Tons	0.907	0.893	1	6.65	1.05	0.233	0.279	
Barrels	0.136	0.134	0.150	1	0.159	0.035	0.042	
Kiloliters (cub. meters)		0.849	0.951	6.29	1	0.220	0.264	
1.000 Gailons (Imp.)		3.83	4.29	28.6	4.55	1	1.201	
1,000 Gallons (U.S.)		3.19	3.58	23.8	3.79	0.833	1	

^{*}Based on world average gravity (excluding natural gas liquids).

2. Approximate Conversion Factors for Petroleum Products

	FROM						
	Barrels to Metric Tons	Barrels per Day Metric Tons to Tons per to Barrels Year		Tons per Year to Barrels per Day			
	MULTIPLY BY						
Motor Gasoline	0.118	8.45	43.2	0.0232			
Kerosine	0.128	7.80	46.8	0.0214			
Gas Diesel	0.133	7.50	48.7	0.0205			
Fuel Oil	0.149	6.70	54.5	0.0184			

3. Volumetric Measures

INTO	Cubic Meters	Cubic Feet	US Gallens	Imperial Gallons	Liters	US Bacrels		
FROM	MULTIPLY BY							
Cubic meter	1.0	35.31	264,15	219.95	999.97	6.285		
Cubic foot	0.02832	1.0	7.481	6.229	28.32	0.178		
S gallon	0.00379	0.1337	1.0	0.8327	3.785	0.0238		
mperial gallon	0.00453	0.160	1,201	1.0	4.546	0.0286		
•	0.001	0.0353	0.2641	0.2200	1.0	0.006293		
J8 barrel	0.1590	5.615	42.0	85.0	158.9	1.0		

4. Miscellaneous:

Country	Barrels per Metric Ton	
Abu Dhabi	7.493	
Algeria	7.713	
Angola	7.223	
Bahrain	7.335	
Congo	7.508	
Gabon	7.245	
Iran	7.370	
Irsq	7.541	
[srael	7.286	
Kuwait	7.261	
Libya	7.615	
Morocco	7,602	
Nigeria	7.508	
Qatar	7.719	
Saudi Arabia	7.428	
Saudi Kuwait Neutral Zone	6.849	
Turkey	6,400	
United Arab Republic	6.901	

5. Rules of Thumb:

- a) Conversion between harrels per day and tons per year:
 Barrels per day × 50 = tons per year.
 Tons per year + 50 = barrels per day.
- b) Volumetric contents of pipelines:

 (Diameter in inches)² = barrels p. x 1,000 feet.
 Example: 30-inch diameter pipeline would contain approximately 4,752 barrels per mile.

6. Approximate Energy Equivalents (Conversions)

	Energy	Coal	OR
	Content ¹	Equivalent	Equivalent *
I million tons hard coal	7	1.09	0.7
l million tons coke	6.7	0.96	0.67
i million tone lignite	2	0.29	0.2
l million tons liquid fuels	10	1.48	1.0
1,000 million cubic meters natural gas	9	1.33	0.9
1,000 million cubic meters manufactured gas	4.2	0.6	0.42
,000 KWH electricity	0.88	0.125	0.088

¹ One trillion keal

One thousand barrels of oil per day equals approximately 2 trillion BTUs per year.
 Standard fuel—theoretical unit of energy, equivalent to 7,000 keal per kilogram.

Retail Petroleum Product Prices

US Cents per Gallon

	Gasoline				_				
	Re	gular	Premium		Die	Diesel Fuel		Domestic Heating Oil	
	Price ¹	Tex	Price ¹	Tex	Price ¹	Tex	Price ¹	Tax	
United States									
1973 - Oct	40	12	44	12	23	12	24	12	
Nov	42	12	45	12		12	26	j2	
Dec	44	12	47	12		12	29	12	
1974 - Jan	46	12	50	12		12	33	12	
Feb	49	12	53	12	34	12	34	12	
Mar	53	12	56	12	35	12	34	12	
Apr	54	12	58	12		12	35	12	
France			-			••	33	1.	
1973 - Oct	98	72	105	76	68	44	28	6	
Nov	98	72	105	76	68	44	28	6	
Dec	98	72	105	76	68	44	28	6	
1974 - Jan	126	70	136	75	81	42	41	8	
Feb	126	70	136	75	81	42	41	8	
Mar	126	70	136	75	81	42	41	8	
Italy					••	•	7.	•	
1973 - Oct	104	78	110	80	56	27	27	3	
Nov	112	85	118	87	67	37	28	3	
Dec	112	85	118	87	67	37	28	3	
1974 - Jan	112	85	118	87	67	37	28	3	
Feb	146	93	154	96	80	38	42	3	
Mar	146	93	154	96	80	38	42	3	
West Germany			•••	,,	•	50	74	3	
1973 - Oct	101	73	112	74	102	69	25	1	
Nov	107	73	118	74	106	69	25 25	1	
Dec	112	73	122	74	117	69	25 25	_	
1974 - Jan	124	75	134	76	126	71		1	
Feb	124	75	134	76	126	71	46	1	
Mar	124	75	134	76	126	71	46	1	
United Kingdom			154	70	120	71	46	1	
1973 - Oct	69	44	72	44	69	44		_	
Nov	69	44	72	44	69	44	19	2	
Dec	75	44	78	44	75	44	19	2	
1974 - Jan	75	44	78	44	75 75	44	23	2	
Feb	93	44	97	44	73 94	44	23	2	
Mar	93	44	97	44	94	44	38	2	
Japan	-	••	,,	-	77	**	38	2	
1973 - Oct	87	38	101	38	54	20	••		
Nov	94	38	108	38	N.A.		. 19		
Dec	114	38	128	38	67	20	N.A.		
1974 - Jan	114	38	128	38	N.A.	20	27		
Feb	114	38	128	38	N.A.	20	N.A.		
Mar	114	38	128	38	70	20	N.A.		
Apr	134	46	148	36 46	70 74	20 20	32 39		
-			• • •		, 4	20	J7	-	

Including tax. Estimated.